

Fig. 1

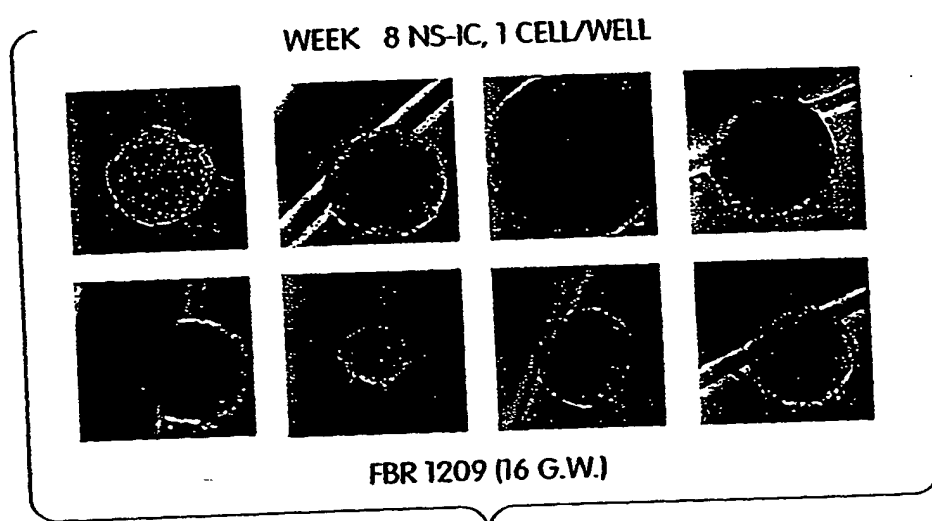


Fig. 2

Figure 3 (Example 1)

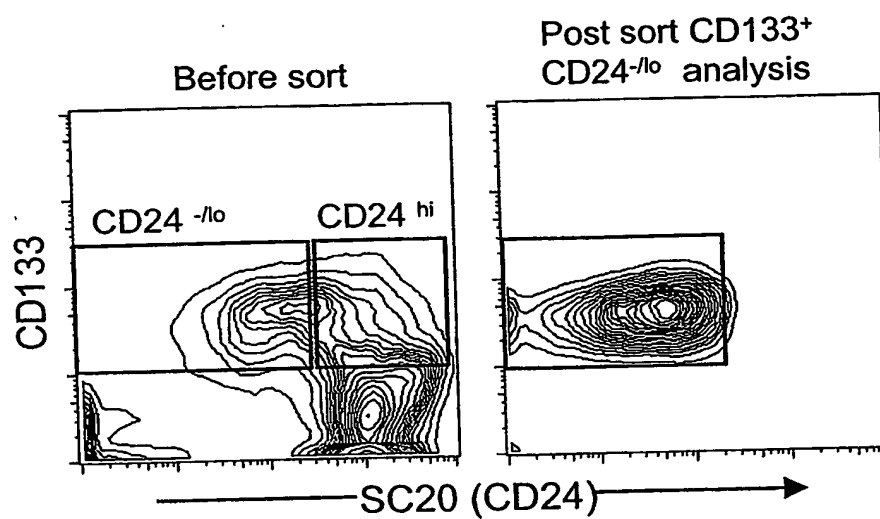
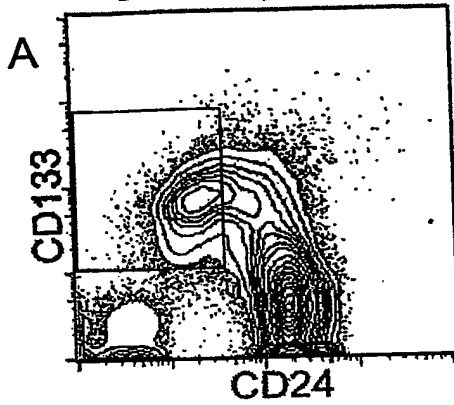


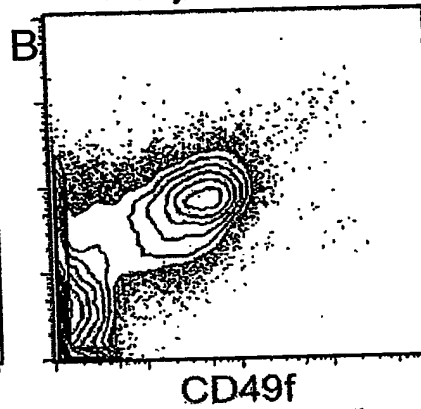
Figure 4 (Example 2)

Isolation of CD133+ CD24-/lo cells by CD49f+ CD24-/lo cell sorting:
WITHOUT using anti CD133 mAb

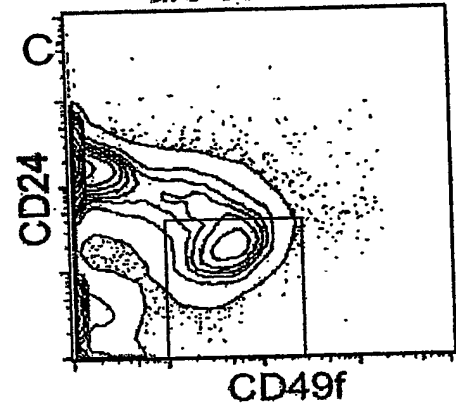
Current NSC isolation
CD133+ CD24-/lo



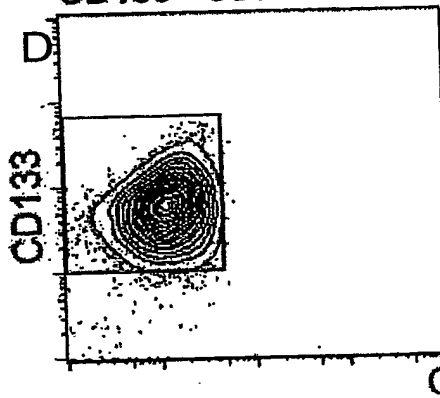
CD133+ cells
co-express CD49f



CD24-/lo cells
are CD49f+



Reanalysis of
CD133+ CD24-/lo sort



Reanalysis
CD49f+ CD24-/lo

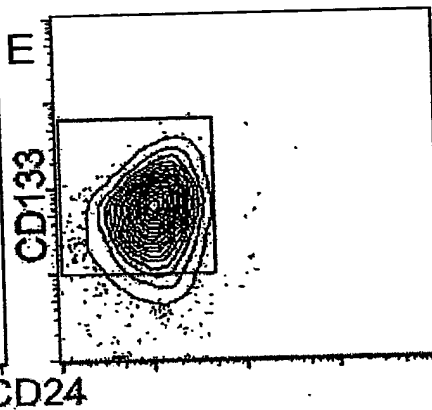


Figure 5 (Example 4)

**The majority of Long-term neurosphere
cells are CD133+ CD49f+**

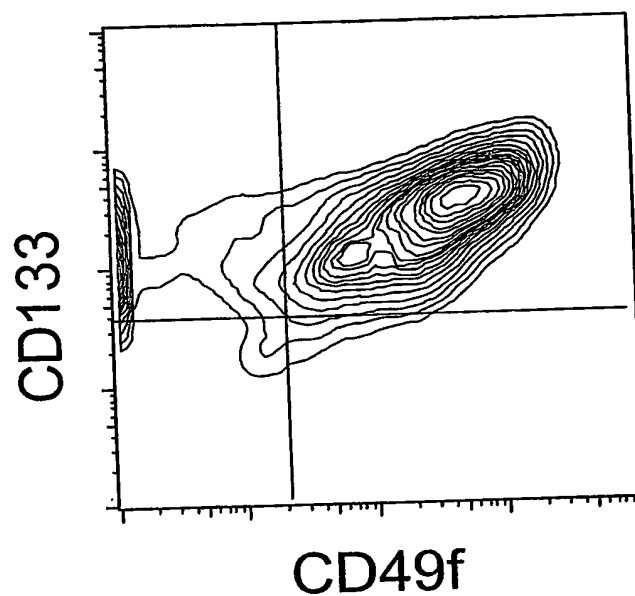


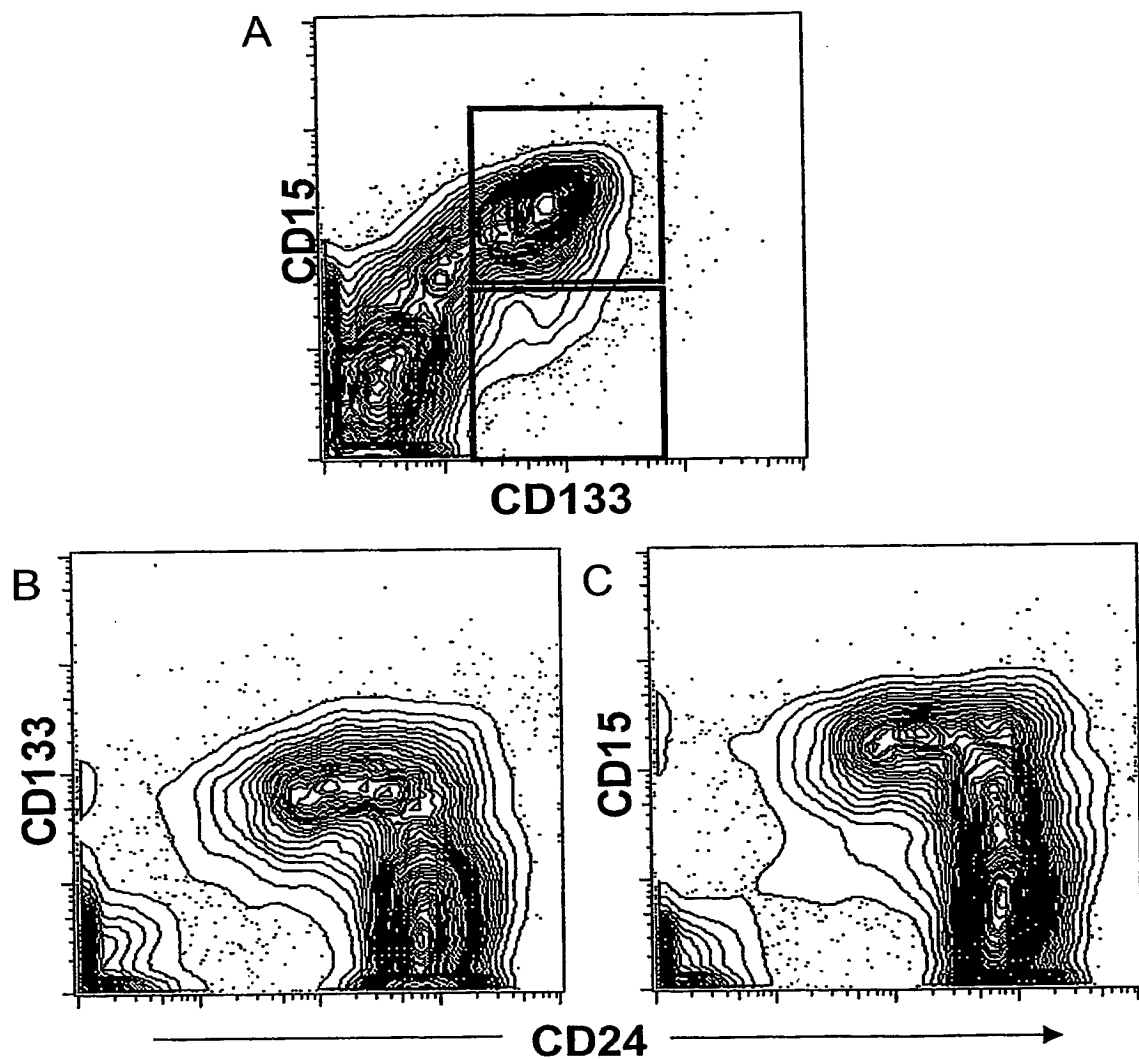
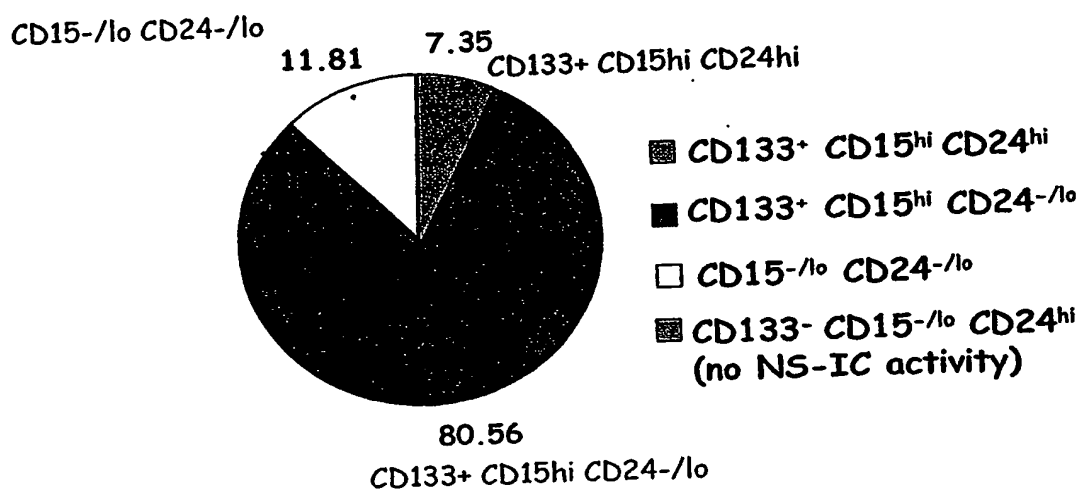
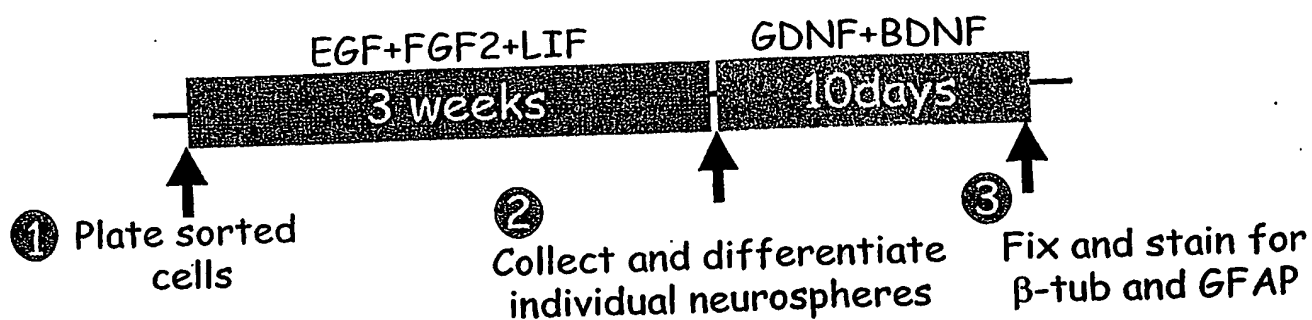
Figure 6 (Example 5)**Phenotypic analysis of human fetal brain cells**

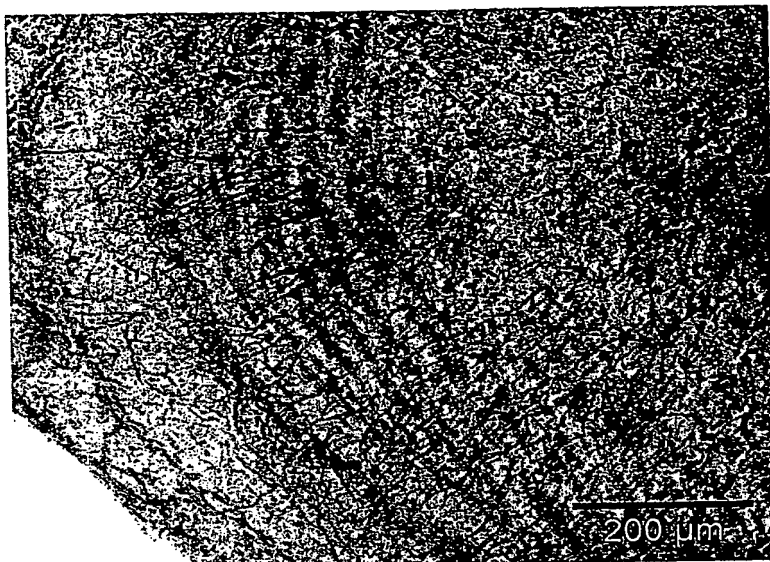
Figure 7 (Example 5)



	Astros + Neurons	Astros only	Neurons + nd	Astros + nd	nd
CD15 ^{hi} CD24 ^{-/lo}	95.3	1.2	1.2	2.3	0
CD15 ^{hi} CD24 ^{hi}	47.5	32.8	14.8	4.9	0
CD15 ^{-/lo} CD24 ^{-/lo}	38.5	0	52.6	0	8.9

Figure 8 (Example 6)

- A CD133⁺ CD15^{-/lo} CD24^{-/lo} sorted/expanded neurosphere cells, Olfactory bulb of 6 months post transplant NOD-Scid



- B CD49f⁺ CD24^{-/lo} sorted/expanded neurosphere cells, Hippocampus of 6 months post transplant NOD-Scid



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